



**King Edward VII Sanatorium
Midhurst**

**TWENTY-SECOND
ANNUAL REPORT**

JULY 1927 to JULY 1928

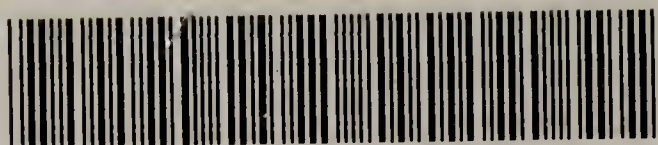
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King Edward VII Sanatorium Midhurst

Twenty-second Annual Report

JULY 1927 to JULY 1928

DURING the twelve months, June 30th, 1927 to June 30th, 1928, 283 patients were admitted to the Sanatorium, of whom 32 were re-admissions and 61 remained for a period less than nine weeks, and are therefore not considered in after-history records. 192 patients were discharged and were grouped as follows :—

Group I	..	..	50
Group II	..	..	88
Group III	..	..	40
Group IV	..	..	14

Applicants for admission numbered 578 ; the average waiting list being about the same as in the previous year—between 12 and 13 for men and 9 and 10 for women. 137 applicants were examined by the Medical Superintendent ; 104 (75·9 per cent.) were accepted and 33 (24·1 per cent.) were rejected.

In the Report last year, a comparison was made of the number of “ arrests ” in the various groups to which patients were allotted on admission to the Sanatorium. A further year’s figures confirm the opinion that it is wise to keep up a continued effort to confine cases accepted for treatment beyond a period of nine weeks, to patients coming under Groups I and II :—

	1924-25	Arrested	1925-26	Arrested	1926-27	Arrested
G. I	64	48 (75 %)	55	44 (80 %)	47	33 (72 %)
G. II	78	19 (24·4 %)	65	16 (24·6 %)	80	21 (26·25 %)*
G. III	61	2 (3·3 %)	64	3 (4·7 %)	41	2 (4·9 %)
			1927-28	Arrested		
		G. I	50	37 (74 %)		
		G. II	88	26 (29·54 %)		
		G. III	40	1 (2·5 %)		

The figures for the four years together show that while 75 per cent. of Group I cases attained arrest, only 26·33 per cent. of Group II and 3·88 per cent. of Group III attained a similar result.

This year some attempt has been made to collect the results of treatment by pneumothorax since October, 1924, and this promises to give some useful information on prognosis where the treatment has failed while the case seemed clinically suitable.

Fourteen cases were discharged as Group IV—that is, without any definite evidence of Pulmonary Tuberculosis:—

Nothing definite found	..	..	..	II
Blastomycosis	..	..	..	I
Hyperthyroidism	..	..	..	I
Carcinoma of larynx	..	..	..	I

The case of blastomycosis was of particular interest, and reference is made to it in the X-Ray report. It was treated by pneumothorax, which seemed to arrest the condition in the lung. The patient is now very fit, and has not had any return of the symptoms.

The usual variety of entertainment has been given throughout the year. The cinema installed last year has been a source of much enjoyment to the patients during the winter.

GENERAL STATISTICS.

The following Tables show an analysis of the 192 patients discharged during the past year, with regard to—

- (1) Place of Residence.
- (2) Occupation.
- (3) Age and Sex.
- (4) Married or Single.
- (5) Mode of Onset.
- (6) Duration of Disease.

TABLE I.—PLACE OF RESIDENCE

Place of Residence	Number of Patients	Place of Residence	Number of Patients
London	59	Cheshire	2
Sussex	17	Durham	2
Yorkshire	15	Buckinghamshire	2
Surrey	14	Staffordshire	2
Essex	12	Shropshire	1
Middlesex	10	Cumberland	1
Ireland	8	Wiltshire	1
Hampshire	8	Devonshire	1
Lancashire	8	Worcestershire	1
Wales	6	Suffolk	1
Kent	4	Nottinghamshire	1
Leicestershire	3	Berkshire	1
Northamptonshire	3	Salop	1
Scotland	2	Northumberland	1
Gloucestershire	2	Cambridgeshire	1
Hertfordshire	2		
			192

TABLE II.—OCCUPATION

Occupation	Number of Patients	Occupation	Number of Patients
Clerks	57	Students	2
Housewives	21	Schoolgirls	2
Engineers	19	Schoolboys	2
Teachers	18	Policemen	2
No Occupation	7	Chemists	2
Agents and Travellers	7	Journalists	2
Household Duties	4	Dispensers	1
Managers	4	Chauffeurs	1
Doctors	3	Printers	1
Secretaries	3	Merchants	1
Farmers	3	Hotel Proprietors	1
Accountants	3	Army	1
Civil Servants	3	Singers	1
Shopkeepers	3	Pianists	1
Clergymen	3	Railway Servants	1
Navy	2	Bankers	1
Royal Air Force	2	Electricians	1
Surveyors	2	Auctioneers	1
Shop Assistants	2		
Nurses	2		192

TABLE III.—AGE AND SEX

Years	Males	Females	Total
Under 20	9	4	13
20-25	35	20	55
26-30	23	15	38
31-35	22	15	37
36-40	9	8	17
41-45	12	2	14
46-50	5	6	11
Over 50	6	1	7
TOTALS	121	71	192

TABLE IV.

Married	70
Single	122
	<u>192</u>

TABLE V.—MODE OF ONSET

Mode of Onset	Number of Cases	Percentage
Cough	69	35.94 %
Influenza	35	18.23 %
Pleurisy	23	11.98 %
Hæmoptysis	18	9.37 %
Other Modes	47	24.48 %
	192	

TABLE VI.—DURATION OF DISEASE

Average duration	1 year 9 months.
Extremes	1 month—29 years.

TABLE VII.—GENERAL RESULTS OF TREATMENT AS SHOWN BY THE CONDITION OF THE PATIENTS ON ADMISSION AND ON DISCHARGE FROM THE SANATORIUM DURING THE YEAR 1927-1928

Group on Admission	Number of Cases	Arrested	Much Improved	Improved	Stationary or Worse	Died in Sanatorium
I	50	37	6	4	3	—
II	88	26	26	20	15	1
III	40	1	10	13	15	1
All Cases	178	64	42	37	33	2
IV	Patients in whom no definite evidence of Pulmonary Tuberculosis was found	Number of Cases 14	3	11	—	—

GROUPS.—As in previous Annual Reports, the Turban-Gerhardt classification has been used to indicate the clinical condition of patients on admission. This classification, based on physical signs, is as follows :—

Group I.—Disease of slight severity, limited to small areas of one lobe on either side, which, in the case of affection of both apices, does not extend beyond the spine of the scapula or the clavicle, or in the case of affection of the apex of one lung, does not extend below the second rib in front.

Group II.—Disease of slight severity, more extensive than Group I, but affecting at most, the whole of one lobe ; or severe disease extending at most, to the half of one lobe.

Group III.—All cases of greater severity than Group II, and all those with considerable cavities.

By “disease of slight severity” is to be understood, disseminated foci characterised by slight dullness, indefinite rough or weak vesicular, vesico-bronchial, or broncho-vesicular breathing, and fine and medium crepitations.

By “severe disease” : massive infiltration recognised by definite dullness, broncho-vesicular or bronchial breathing, with or without crepitations.

Cases with signs of considerable excavation, giving rise to tympanitic percussion with amphoric or cavernous breathing and numerous coarse consonating rales come under Group III.

Pleuritic dullness, if only of slight extent, is to be left out of account ; if it is considerable, pleuritis should be specially mentioned under tuberculous complications.

The following terms are used to describe the condition of patients on discharge from the Sanatorium :—

“DISEASE ARRESTED.”—General health completely restored in every respect, without any sign of disease of the lungs except such as is compatible with a completely healed lesion. Sputum, if still present, free from tubercle bacilli.

“MUCH IMPROVED.”—General health good. Physical signs of disease in the lungs, though much diminished, not entirely cleared up, *e.g.*, limited to a few crepitations on cough only. Tubercle bacilli still to be detected in the sputum.

“IMPROVED.”—General health improved, but not restored. Physical signs of disease in the lungs still present, though less marked than on admission.

“STATIONARY.”—No appreciable improvement in the condition of the lungs or in the general health.

“WORSE.”—General or local condition worse.

TABLE VIII.—DEMONSTRATION OF T.B. IN SPUTUM

On Admission				On Discharge			
Positive	..	..	120	Positive	..	..	68
Negative	..	..	42	Negative	..	..	65
No Sputum	..	..	16	No Sputum	..	..	43
Group IV Cases	..	..	14	Group IV Cases	..	..	14
				Died in Sanatorium	..	..	2
All Cases	..	..	192	All Cases	..	..	192
Number of Patients who lost T.B. in Sanatorium							53

TABLE IX.—WEIGHT

Weight					Group I	Group II	Group III	Group IV
Gained	..	..	..	..	39	63	30	14
Lost	..	..	..	..	11	21	5	—
No Change	..	..	..	..	—	—	—	—
Not Weighed	..	..	..	..	—	3	4	—
Died in Sanatorium	..	..	..	..	—	1	1	—
All Cases	..	..	..	..	50	88	40	14

REPORTS OF SPECIAL DEPARTMENTS.

REPORT OF THE THROAT DEPARTMENT.

All the 192 patients discharged during the year ending 30th June, 1928, were examined laryngoscopically by Sir St. Clair Thomson. Of these, in 174 the larynx was found to be normal; in 16 there was found to be definite tuberculous disease; while one was found to have carcinoma of the larynx, and one a condition of non-tuberculous granuloma. The results of treatment are shown in Tables X, XI and XII.

TABLE X.—SHOWING THE RESULT ON DISCHARGE OF TREATMENT IN PATIENTS SUFFERING FROM TUBERCULOSIS OF THE LARYNX IN WHOSE SPUTUM TUBERCLE BACILLI *were* DEMONSTRATED IN THE SANATORIUM

	Number of Cases	Cured	Improved	Stationary or Worse	Died in Sanatorium	Remarks
Group I ..	1	1	—	—	—	For cases treated with Galvano-Cautery <i>see</i> Table XII.
Group II ..	8	3	4	1	—	
Group III ..	5	3	1	1	—	
All cases ..	14	7	5	2	—	

TABLE XI.—SHOWING THE RESULT ON DISCHARGE OF TREATMENT IN PATIENTS SUFFERING FROM TUBERCULOSIS OF THE LARYNX IN WHOSE SPUTUM TUBERCLE BACILLI *were not* DEMONSTRATED IN THE SANATORIUM

	Number of Cases	Cured	Improved	Stationary or Worse	Died in Sanatorium	Remarks
Group I ..	—	—	—	—	—	For cases treated with Galvano-Cautery <i>see</i> Table XII.
Group II ..	1	1	—	—	—	
Group III ..	1	1	—	—	—	
All cases ..	2	2	—	—	—	

TABLE XII.—SHOWING THE RESULT ON DISCHARGE OF TREATMENT WITH THE GALVANO-CAUTERY IN PATIENTS SUFFERING FROM TUBERCULOSIS OF THE LARYNX

	Number of Cases	Cured	Improved	Stationary or Worse	Died in Sanatorium	Remarks
Group I ..	—	—	—	—	—	
Group II ..	1	1	—	—	—	
Group III ..	3	3	—	—	—	
All cases ..	4	4	—	—	—	

One case (14/171) developed tuberculosis of the larynx while in the Sanatorium, and was cured by the galvano-cautery.

COMMENTS ON FORTY-FOUR CASES OF ARTIFICIAL PNEUMOTHORAX.

Between October, 1924 and June, 1928 artificial pneumothorax was attempted on 63 cases of pulmonary tuberculosis.

The after-history to October, 1928, has been followed up, so that they give statistics on results from one to four years after the attempted induction of treatment.

In forty-four cases it was possible to carry on treatment; the remaining nineteen were unsuccessful, either because on attempted induction no pleural space was found, or only a small pocket struck, or because, by the presence of many adhesions, treatment could not be continued.

These nineteen may be grouped thus :—

No pleural space found	..	..	..	5
Pockets only	..	..	..	5
Adhesions	..	..	..	9
				—
				19
				—

If this grouping be combined with the grouping according to Choice,* the after-history can be tabulated as follows :—

CHOICE II CASES—TOTAL 12.

		ALIVE.		DEAD	
General Condition		General Condition			
Good.		Poor.			
No space	.. 3		I		—
Pocket only	.. 3		I		—
Adhesions	.. I		I		2

CHOICE III CASES—TOTAL 7.

		ALIVE.		DEAD.	
General Condition		General Condition			
Good.		Poor.			
No space	.. —		I		—
Pocket only	.. —		—		I
Adhesions	.. —		—		5

NOTE.—*Choice I.—Cases with involvement of one lung.

Choice II.—Cases with cavitation or much evident fibrosis of one lung, or with involvement of the better lung not beyond the upper third.

Choice III.—Cases *in extremis*, e.g., with hæmoptysis.

Cases with bilateral disease—but with a possibility of aid by limited pneumothorax on the more active side.

Leaving out of consideration Choice III cases, for whom at best the treatment was only palliative, the Choice II cases show an interesting point, in that 10 of the 12 are still alive, and that 7 of these 10 are in good condition.

The following Table summarises the history to date of the 44 who were still on refills on discharge from the Sanatorium :—

	ALIVE.		DEAD.	TOTALS.
	General Condition Good.	General Condition Poor.		
Choice I ..	19	—	1	20
Choice II ..	20	1	2	23
Choice III ..	—	—	1	1
	39	1	4	44

Forty cases are still alive. Of the four dead, one was Choice III, two were Choice II, and died of advancing disease in the other lung, and one was Choice I ; in this case, it was only after, and due to, the induction of pneumothorax, that he was discovered to have lymphadenoma as a complication.

Thirty-four cases have now negative or no sputum, and six have still positive sputum. Of these six, three have been advised to have thoracoplasty (one has been re-admitted and had two courses of sanocrysin without attaining negative sputum) and one gave up treatment for no apparent reason.

Eighteen (45 per cent.) of the forty cases still alive have been complicated by fluid at some time during the treatment.

Eleven cases have now ceased refills. All are in good condition. The after-history reports, and the sputum results to date can be tabulated :—

	SPUTUM.							
	Tb +ve	Tb -ve or No sputum					Totals.	
Completed treatment ..	—	..	..	4	..	..	4
Obliterated : after fluid	I	..	..	4	..	..	5
Re-expanded : no fluid	I*	..	..	—	..	..	I
Gave up treatment ..	I	..	..	—	..	..	I
							—	
							II	

* Since negative after Sanocrysin treatment.

Among the 63 cases on whom induction was attempted, laryngeal disease was found at some period of the observations in 10. Of these two were included in the 19 classified as failures ; one, a Choice II case, was cured by silence ; the other, a Choice III case, remained stationary while under A.P. treatment and is since dead. Of the other eight, seven are still alive, and all seven have a normal larynx. In five of these seven cases the disease was present before the

induction of the pneumothorax ; all five healed very rapidly, and only one relapsed ; this case has since been cured by galvano-cautery. The remaining two, developed the complication while in the Sanatorium and while under pneumothorax treatment. While both are now healed, one required the aid of the galvano-cautery.*

* Artificial Pneumothorax and Laryngeal Tuberculosis. Sir St. Clair Thomson and Dr. R. R. Trail. (*Lancet*, 1927, 1, 963.)

REPORT OF THE X-RAY DEPARTMENT.

The work of the X-Ray Department is steadily growing, and is becoming a very vital part of the value of the work done in the Sanatorium, not only in diagnosis but also in controlling the increasing numbers of cases of artificial pneumothorax.

The following figures give the examinations for the last four years :—

1924-5	..	..	..	512
1925-6	..	..	..	547
1926-7	..	..	..	821
1927-8	..	..	..	917

The number of examinations in the control of Artificial Pneumothorax during the last year was 487.

Quite apart from the value of the X-ray as an aid in the diagnosis of Pulmonary Tuberculosis, there are many cases in which patients with a clinical suspicion of Pulmonary Tuberculosis have been proved by its use to be suffering from a chest disease of some other nature.

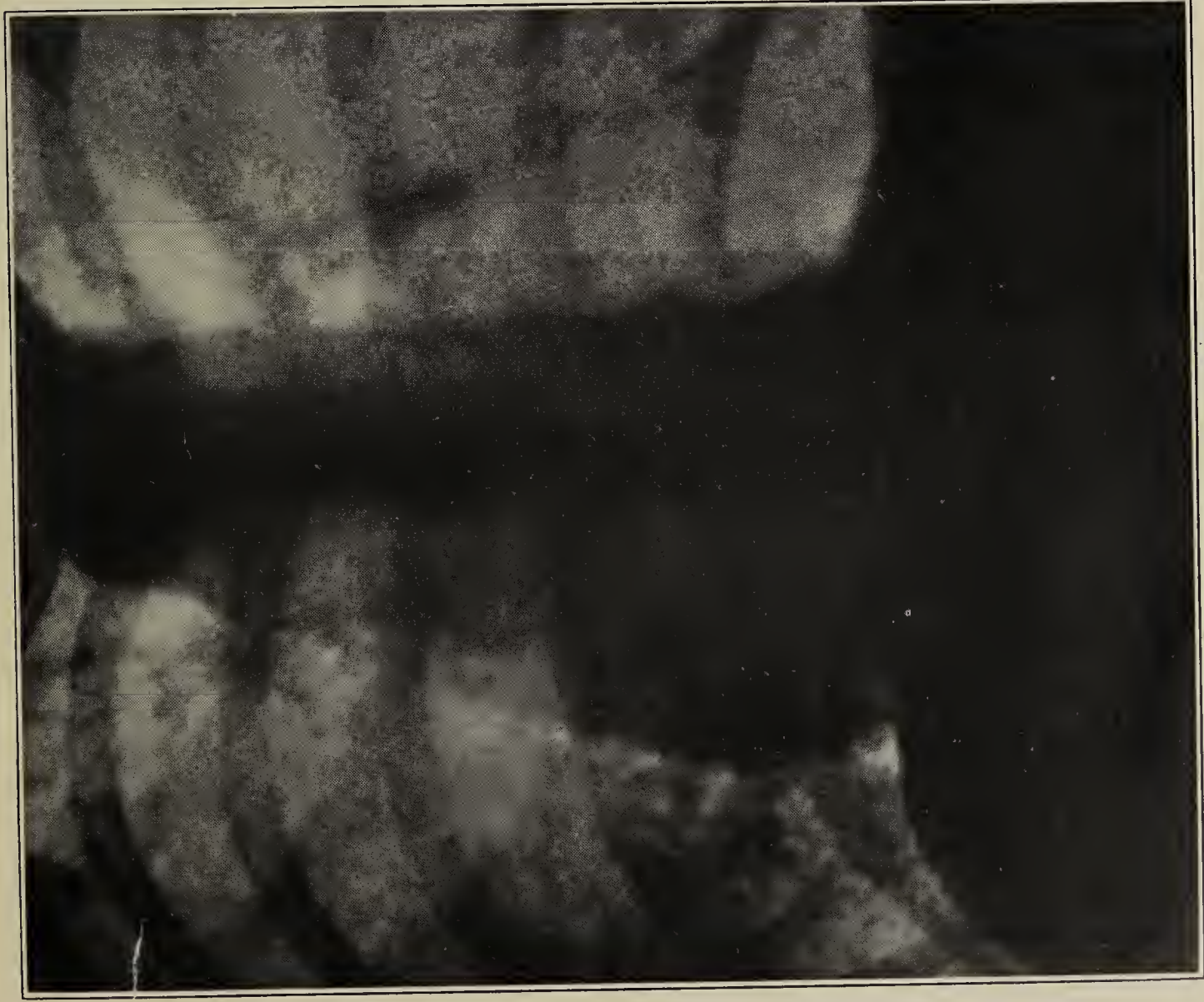
As instances of this, it is interesting to quote two cases in particular—in both the chief feature being hæmoptysis.

CASE I. FEMALE, AGE 19.—Previous history whooping cough two years before. Small hæmoptysis prior to admission ; slight cough ; sputum, a trace ; no night sweats ; slight pyrexia ; clubbing of fingers ; no enlargement of superficial glands or spleen ; restricted movement of left chest with impairment of note and weak breath sounds, and fine inspiratory crepitations over middle and lower zones posteriorly. Complement fixation test, positive, Wasserman reaction negative.

X-Ray examination.—Deficient movement of left side of diaphragm ; heart displaced to the left ; fine stippling of middle and lower zones left side ; both apices translucent. Sputum T.B.— 16 times. Blastomyces found.

CASE II. FEMALE, AGE 23.—Mode of onset said to be pleurisy. Two small hæmoptyses followed by a brisker hæmoptysis soon after admission.

Slight impairment of resonance at the left base with poor air entry ; occasional rhonchus left side. First X-Ray showed some lessened translucency of the left middle and lower zones. No definite adventitious shadows.



No. 1. LEFT LUNG.—Shows some want of translucency at the base, with some scattered infiltration throughout the lung. Clinically—a case of blastomycosis. N.B.—This illustration is the reverse way as if viewed from the back.



No. 2. Clinical evidence, small recurrent haemoptyses. Some want of air entry at the left base. After intratracheal injection of Lipiodol, a small tumour was found to be blocking the main descending left bronchus.

After injection of lipiodol very little of the lipiodol was seen to pass into the left descending bronchus, a narrow stream only appearing to surround an opacity the size of a small grape, the rest of the bronchial tree external to this filling in a normal manner. Bronchoscopy followed, and a small growth was discovered at the bifurcation of the left descending bronchus and subsequently removed. The patient made a good recovery.

REPORT OF THE DENTAL DEPARTMENT.

The following was carried out from July, 1927 to June, 1928 :—

Fillings	..	..	..	..	143
Scalings	..	..	..	..	34
Extractions	..	..	..	..	181
Dentures	..	..	..	..	11
Repairs	..	..	..	..	9
X-Rays	..	..	..	..	1

REPORT OF THE PATHOLOGICAL DEPARTMENT.

The clinical work of the Pathological Department has been continued on the same lines as previously and during the twelve months ending 30th June, 1928, over fifteen hundred reports, apart altogether from the results of sputum tests, have been issued from the laboratory. An alteration has been made in the routine and the sputum of all patients is now examined at fortnightly intervals, no distinction being made between positive and negative cases, except that the latter are examined at weekly intervals for the first three weeks after admission. It is felt that this method helps to prevent worrying on the part of the patients and that the extra work is thereby justified.

The research on the sedimentation test by Miss Stone has proved very satisfactory, and, as a result, the test has been adopted as a useful routine measure. The work has been embodied in a paper which is now awaiting publication. It is next proposed to investigate the sugar metabolism in tuberculosis, and in particular the liability of these patients to diabetes. As a side line this is to be linked up with the sedimentation test which has shown some interesting results in diabetic patients.

REPORT OF THE STATISTICAL DEPARTMENT.

The work of the Statistical Department has been carried out on the same lines as in previous years (*see* Annual Reports V, XI and XII). The number of patients discharged from the Sanatorium up to date is 5,141. This number does not include Group IV cases, re-admissions, or patients who were in residence too short a time to be included in the records. Those about whom information could not be obtained number 128, or 2.49 per cent.

The statistics of the ultimate results of the enquiry are shown in the following Tables :—

TABLE AI.—STATISTICS OF ULTIMATE RESULTS

Cases in the Sputum of which T.B. were demonstrated in the Sanatorium

All cases considered together

Year of Dis- charge	Number Discharged	Number reported " Well " or " Alive " in each successive year after Discharge															Number Dead in 1928	Number lost sight of in 1928							
		1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922			1923	1924	1925	1926	1927	1928	
1906/07	125	94	82	73	65	56	42	38	47	46	42	42	38	39	34	36	34	34	33	31	30	30	91	4	
1907/08	206	—	149	129	112	94	72	72	70	70	72	72	63	59	58	54	54	55	52	50	46	44	156	6	
1908/09	205	—	—	154	110	93	64	64	55	64	67	62	60	56	55	52	48	48	47	45	45	43	159	3	
1909/10	192	—	—	—	138	112	75	75	69	73	71	69	60	61	56	53	51	49	48	47	43	42	147	3	
1910/11	197	—	—	—	—	133	88	88	74	73	72	69	61	56	48	47	47	44	39	38	36	35	154	8	
1911/12	198	—	—	—	—	—	95	95	81	76	72	68	55	54	50	46	44	43	40	34	33	32	156	10	
1912/13	160	—	—	—	—	—	113	113	94	78	75	67	49	52	49	48	45	42	40	35	35	33	126	1	
1913/14	177	—	—	—	—	—	—	—	118	84	86	82	75	75	68	60	55	49	47	46	43	43	131	3	
1914/15	193	—	—	—	—	—	—	—	—	123	117	104	83	83	75	71	68	61	61	55	53	49	141	3	
1915/16	154	—	—	—	—	—	—	—	—	—	105	93	68	65	57	51	48	41	38	35	35	33	120	1	
1916/17	212	—	—	—	—	—	—	—	—	—	—	166	127	116	105	99	89	79	79	74	73	69	139	4	
1917/18	184	—	—	—	—	—	—	—	—	—	—	—	118	115	95	82	80	69	70	62	64	62	118	4	
1918/19	198	—	—	—	—	—	—	—	—	—	—	—	—	165	136	121	112	102	99	92	86	84	106	8	
1919/20	196	—	—	—	—	—	—	—	—	—	—	—	—	—	165	140	126	110	100	91	85	81	112	3	
1920/21	197	—	—	—	—	—	—	—	—	—	—	—	—	—	—	156	141	116	96	89	81	74	118	5	
1921/22	176	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	150	127	111	92	76	69	106	1	
1922/23	165	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	135	114	100	89	80	83	83	2
1923/24	166	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	124	112	99	91	74	74	1
1924/25	128	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	106	90	79	48	48	1
1925/26	114	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	106	97	89	23	2	
1926/27	127	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	115	9	3	

TABLE A2.—STATISTICS OF ULTIMATE RESULTS

Cases in the Sputum of which T.B. were demonstrated in the Sanatorium

Group I considered separately

Year of Dis-charge	Number reported "Well" or "Alive" in each successive year after Discharge														Number Dead in 1928	Number lost sight of in 1928						
	Number reported "Well" or "Alive" in each successive year after Discharge																					
	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921			1922	1923	1924	1925	1926	1927	1928
1906/07	27	23	21	20	20	15	14	17	17	19	18	16	18	14	15	14	14	14	13	12	16	2
1907/08	—	43	40	35	31	27	28	30	29	32	32	27	28	27	25	26	26	24	24	23	21	1
1908/09	—	—	26	23	20	16	16	12	15	15	15	15	14	14	14	13	13	13	13	14	14	0
1909/10	—	—	—	39	37	34	27	25	29	30	30	25	27	25	25	23	22	22	21	19	23	1
1910/11	—	—	—	—	41	47	31	28	30	29	30	28	25	22	22	22	20	17	17	15	28	2
1911/12	—	—	—	—	—	27	21	20	20	20	19	15	16	13	13	12	12	12	10	10	21	2
1912/13	—	—	—	—	—	—	14	14	12	11	10	9	7	8	8	8	8	8	6	6	9	0
1913/14	—	—	—	—	—	—	—	17	14	16	17	14	15	13	10	11	11	10	10	9	10	0
1914/15	—	—	—	—	—	—	—	—	16	17	16	12	13	11	12	12	12	12	10	9	9	2
1915/16	—	—	—	—	—	—	—	—	—	15	14	11	13	12	11	11	11	11	11	11	5	0
1916/17	—	—	—	—	—	—	—	—	—	—	24	22	23	22	22	22	20	20	19	16	6	2
1917/18	—	—	—	—	—	—	—	—	—	—	—	12	14	12	11	11	11	12	12	12	3	0
1918/19	—	—	—	—	—	—	—	—	—	—	—	12	10	12	10	9	9	9	9	9	0	1
1919/20	—	—	—	—	—	—	—	—	—	—	—	—	—	29	27	25	26	24	22	20	9	0
1920/21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	42	30	38	34	34	32	14	1
1921/22	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	25	23	22	21	21	6	0
1922/23	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	28	28	27	25	5	0
1923/24	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	21	20	19	4	0
1924/25	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	15	13	3	0
1925/26	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	11	0	0
1926/27	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0	0

TABLE A3.—STATISTICS OF ULTIMATE RESULTS

Cases in the Sputum of which T.B. were demonstrated in the Sanatorium

Group II considered separately

Year of Discharge	Number Discharged	Number reported "Well" or "Alive" in each successive year after Discharge														Number Dead in 1928	Number lost sight of in 1928							
		1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921			1922	1923	1924	1925	1926	1927	1928
1906/07	57	50	45	40	37	31	22	18	24	23	18	19	18	17	17	17	17	17	16	15	15	15	40	2
1907/08	85	—	69	51	56	47	32	32	31	33	35	32	28	24	24	24	23	24	23	22	19	18	63	4
1908/09	94	—	—	82	59	48	34	37	32	38	40	36	34	34	33	31	31	31	31	29	28	26	65	3
1909/10	99	—	—	—	69	59	44	38	36	36	33	32	28	26	26	24	25	25	24	25	23	22	75	2
1910/11	100	—	—	—	—	68	43	49	40	37	37	35	29	28	23	22	22	21	19	18	16	16	78	6
1911/12	110	—	—	—	—	—	65	59	49	43	41	38	34	33	32	29	29	28	25	22	21	21	83	6
1912/13	101	—	—	—	—	—	—	77	68	53	51	54	33	38	35	35	32	29	28	25	25	25	75	1
1913/14	95	—	—	—	—	—	—	—	74	54	55	54	51	50	47	42	40	34	32	31	28	29	63	3
1914/15	99	—	—	—	—	—	—	—	—	74	74	69	57	57	51	46	43	38	39	36	36	33	65	1
1915/16	71	—	—	—	—	—	—	—	—	—	54	49	35	33	28	24	22	17	14	12	12	12	59	0
1916/17	99	—	—	—	—	—	—	—	—	—	—	89	72	65	62	56	50	44	46	43	43	42	56	1
1917/18	86	—	—	—	—	—	—	—	—	—	—	—	63	65	54	50	48	40	41	36	38	38	46	2
1918/19	98	—	—	—	—	—	—	—	—	—	—	—	—	86	72	69	64	60	59	56	55	53	42	3
1919/20	69	—	—	—	—	—	—	—	—	—	—	—	—	—	63	55	48	46	43	42	39	35	33	1
1920/21	62	—	—	—	—	—	—	—	—	—	—	—	—	—	—	56	47	38	31	28	26	24	35	3
1921/22	48	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	43	35	31	27	23	23	25	0
1922/23	28	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	27	24	23	21	21	7	0
1923/24	29	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	26	25	22	21	8	0
1924/25	59	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	52	50	43	16	0
1925/26	46	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	42	40	6	0
1926/27	69	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	66	3	0

TABLE A4.—STATISTICS OF ULTIMATE RESULTS

Cases in the Sputum of which T.B. were demonstrated in the Sanatorium

Group III considered separately

Year of Dis- charge	Number Discharged	Number reported " Well " or " Alive " in each successive year after Discharge																			Number Dead in 1928	Number lost sight of in 1928		
		1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926			1927	1928
1906/07	38	17	14	12	8	6	5	6	6	5	8	4	4	3	4	3	3	3	3	3	3	3	35	0
1907/08	76	—	37	28	22	18	12	12	8	8	5	7	7	6	5	5	5	4	5	4	3	3	72	1
1908/09	83	—	—	40	31	22	13	12	11	11	11	11	6	4	4	4	3	2	3	3	3	3	80	0
1909/10	50	—	—	—	25	16	12	10	8	8	7	6	5	3	3	3	3	3	2	3	1	1	49	0
1910/11	52	—	—	—	—	17	9	8	6	6	4	4	3	3	3	3	3	3	2	3	3	3	49	0
1911/12	55	—	—	—	—	—	19	15	12	13	11	5	5	5	4	3	3	3	4	2	2	1	52	2
1912/13	44	—	—	—	—	—	—	22	12	13	12	6	7	6	5	4	5	5	4	4	4	2	42	0
1913/14	63	—	—	—	—	—	—	—	27	16	11	10	10	8	7	4	4	5	5	5	5	5	58	0
1914/15	74	—	—	—	—	—	—	—	—	33	26	14	13	13	13	13	11	10	9	9	7	7	67	0
1915/16	67	—	—	—	—	—	—	—	—	—	36	22	19	17	16	15	13	12	12	12	12	10	56	1
1916/17	89	—	—	—	—	—	—	—	—	—	—	33	28	21	21	17	15	13	13	14	12	11	77	1
1917/18	83	—	—	—	—	—	—	—	—	—	—	43	36	29	21	20	18	17	17	14	12	12	69	2
1918/19	90	—	—	—	—	—	—	—	—	—	—	—	69	54	42	39	33	31	27	22	22	22	64	4
1919/20	98	—	—	—	—	—	—	—	—	—	—	—	—	73	58	53	38	33	27	26	26	26	70	2
1920/21	90	—	—	—	—	—	—	—	—	—	—	—	—	—	58	54	40	31	27	23	23	20	69	1
1921/22	103	—	—	—	—	—	—	—	—	—	—	—	—	—	—	82	69	58	44	44	32	27	75	1
1922/23	108	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	80	62	50	43	43	35	71	2
1923/24	115	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	77	67	58	58	52	62	1
1924/25	54	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	39	27	27	24	29	1
1925/26	57	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	44	44	38	17	2
1926/27	36	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	27	6	3

TABLE A5.—STATISTICS OF ULTIMATE RESULTS

Cases in the Sputum of which T.B. were not demonstrated in the Sanatorium

All cases considered together

Year of Dis- charge	Number Discharged	Number reported " Well " or " Alive " in each successive year after Discharge.													Number Dead in 1928	Number lost sight of in 1928							
		Number reported " Well " or " Alive " in each successive year after Discharge.																					
		1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920			1921	1922	1923	1924	1925	1926	1927	1928
1906/07	24	23	20	19	19	18	15	14	16	18	19	21	19	21	18	18	18	16	17	18	18	4	2
1907/08	51	—	49	47	45	40	33	34	35	37	40	39	37	38	35	36	34	33	33	32	32	15	4
1908/09	66	—	—	57	45	41	33	47	40	38	40	44	44	43	44	42	43	43	39	37	39	21	6
1909/10	59	—	—	—	54	49	44	48	42	47	49	49	43	43	42	42	42	40	39	38	37	17	5
1910/11	48	—	—	—	—	42	32	38	37	40	38	37	34	34	33	31	30	31	31	30	30	16	2
1911/12	48	—	—	—	—	—	36	32	36	34	36	36	29	29	27	27	27	27	27	27	27	18	3
1912/13	31	—	—	—	—	—	—	29	28	25	28	28	24	26	25	24	25	24	23	23	23	7	1
1913/14	41	—	—	—	—	—	—	—	37	31	37	36	33	35	33	32	33	34	34	34	32	7	2
1914/15	35	—	—	—	—	—	—	—	—	28	30	29	31	24	23	20	22	21	20	20	21	13	1
1915/16	59	—	—	—	—	—	—	—	—	—	53	51	47	47	44	45	44	44	43	42	41	16	2
1916/17	58	—	—	—	—	—	—	—	—	—	—	56	53	53	47	50	47	48	50	49	49	7	2
1917/18	117	—	—	—	—	—	—	—	—	—	—	—	108	105	102	95	98	97	98	95	92	22	3
1918/19	119	—	—	—	—	—	—	—	—	—	—	—	—	115	112	109	107	104	102	101	99	13	7
1919/20	78	—	—	—	—	—	—	—	—	—	—	—	—	—	75	74	72	71	68	66	65	11	2
1920/21	66	—	—	—	—	—	—	—	—	—	—	—	—	—	—	66	66	64	63	61	60	1	5
1921/22	93	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	92	84	81	79	78	14	1
1922/23	51	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	46	44	43	40	10	1
1923/24	68	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	63	60	59	8	1
1924/25	72	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	71	68	66	4	2
1925/26	70	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	67	67	3	0
1926/27	41	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	39	2	0

TABLE A6.—STATISTICS OF ULTIMATE RESULTS

Cases in the Sputum of which T.B. were not demonstrated in the Sanatorium

Group I considered separately

Year of Dis- charge	Number Discharged	Number reported " Well " or " Alive " in each successive year after Discharge														Number Dead in 1928	Number lost sight of in 1928					
		Number reported " Well " or " Alive " in each successive year after Discharge																				
		1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921			1922	1923	1924	1925	1926	1927	1928
1906/07	16	14	14	14	13	10	10	11	13	13	15	15	14	13	13	13	14	14	13	14	14	1
1907/08	31	30	30	29	25	23	23	22	24	26	25	24	24	22	22	23	23	23	23	23	23	6
1908/09	39	—	36	28	27	19	31	25	23	25	28	27	28	29	32	27	28	28	28	26	25	8
1909/10	42	—	—	39	36	32	36	30	34	35	35	32	33	32	33	32	31	31	31	30	30	9
1910/11	37	—	—	—	33	25	30	29	31	29	29	27	27	26	24	24	24	24	24	24	23	11
1911/12	26	—	—	—	—	22	22	23	20	21	21	20	20	18	18	18	18	18	18	19	19	7
1912/13	19	—	—	—	—	—	18	17	16	18	17	14	15	14	15	15	15	14	14	14	14	4
1913/14	28	—	—	—	—	—	—	26	21	28	27	25	26	25	24	24	25	26	26	26	26	2
1914/15	17	—	—	—	—	—	—	—	13	15	14	9	13	11	11	12	12	12	11	11	11	5
1915/16	32	—	—	—	—	—	—	—	—	31	32	29	29	27	28	28	27	27	29	29	29	3
1916/17	34	—	—	—	—	—	—	—	—	—	33	31	33	28	31	31	29	31	32	32	32	2
1917/18	51	—	—	—	—	—	—	—	—	—	—	47	48	46	42	42	44	45	46	46	46	5
1918/19	35	—	—	—	—	—	—	—	—	—	—	—	34	34	33	33	33	34	33	33	34	2
1919/20	50	—	—	—	—	—	—	—	—	—	—	—	—	47	48	48	47	44	45	41	41	7
1920/21	48	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	48	44	46	43	43	1
1921/22	51	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	50	49	47	46	46	4
1922/23	35	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	33	33	32	31	29	5
1923/24	43	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	40	39	39	1
1924/25	49	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	46	45	45	2
1925/26	44	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	48	43	43	1
1926/27	25	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1

TABLE A7.—STATISTICS OF ULTIMATE RESULTS

Cases in the Sputum of which T.B. were not demonstrated in the Sanatorium

Group II considered separately

Year of Dis-charge	Number Discharged	Number reported "Well" or "Alive" in each successive year after Discharge															Number Dead in 1928	Number lost sight of in 1928					
		1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922			1923	1924	1925	1926	1927	1928
1906/07	7	6	5	5	5	5	5	4	5	5	6	6	6	5	5	5	4	4	3	3	4	4	1
1907/08	18	—	18	15	14	13	10	11	12	13	13	13	13	12	12	12	10	10	10	10	9	9	1
1908/09	25	—	—	20	16	13	14	15	14	14	15	15	15	15	14	14	14	14	14	12	12	12	1
1909/10	15	—	—	—	13	11	10	10	11	12	12	12	9	9	9	9	9	9	8	8	8	8	1
1910/11	10	—	—	—	—	—	8	8	8	9	8	8	7	7	7	7	7	7	7	7	6	6	1
1911/12	20	—	—	—	—	—	14	9	12	13	14	14	8	10	9	8	8	8	8	8	8	8	1
1912/13	9	—	—	—	—	—	—	9	9	7	8	8	7	8	7	6	7	7	7	7	7	7	1
1913/14	11	—	—	—	—	—	—	—	9	9	8	8	7	8	7	7	7	7	7	7	7	7	1
1914/15	14	—	—	—	—	—	—	—	—	13	13	13	10	9	10	8	9	9	9	9	9	9	1
1915/16	23	—	—	—	—	—	—	—	—	16	15	16	15	16	15	15	14	14	12	12	11	11	0
1916/17	24	—	—	—	—	—	—	—	—	20	22	23	22	20	19	19	17	17	18	17	17	17	0
1917/18	59	—	—	—	—	—	—	—	—	51	55	—	55	51	50	48	47	47	47	45	43	43	2
1918/19	71	—	—	—	—	—	—	—	—	68	—	—	—	68	67	68	66	66	64	62	61	61	2
1919/20	20	—	—	—	—	—	—	—	—	—	—	—	—	20	20	20	20	20	19	19	19	19	4
1920/21	14	—	—	—	—	—	—	—	—	—	—	—	—	—	—	14	13	13	13	13	13	13	0
1921/22	28	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	28	26	27	26	25	25	1
1922/23	9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	8	8	7	7	6	6	0
1923/24	15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	14	14	14	14	0
1924/25	18	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	18	18	17	17	0
1925/26	19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	19	19	19	0
1926/27	11	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	10	10	0

TABLE A8.—STATISTICS OF ULTIMATE RESULTS

Cases in the Sputum of which T.B. were not demonstrated in the Sanatorium

Group III considered separately

Year of Dis-charge	Number Discharged	Number reported "Well " or " Alive " in each successive year after Discharge																Number Dead in 1928	Number lost sight of in 1928					
		1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923			1924	1925	1926	1927	1928
1906/07	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	
1907/08	2	—	2	2	2	2	0	0	0	0	1	0	1	1	1	1	1	1	0	0	0	1	1	0
1908/09	2	—	1	—	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0
1909/10	2	—	—	—	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	0
1910/11	1	—	—	—	—	1	1	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	0
1911/12	2	—	—	—	—	—	—	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0
1912/13	3	—	—	—	—	—	2	2	3	3	3	2	3	3	3	3	3	2	2	2	2	2	2	0
1913/14	2	—	—	—	—	—	—	—	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	0
1914/15	4	—	—	—	—	—	—	—	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	1
1915/16	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	2	2	2	2	1	3	3	0
1916/17	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0
1917/18	7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0
1918/19	13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0
1919/20	8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0
1920/21	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0
1921/22	14	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0
1922/23	7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0
1923/24	10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0
1924/25	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0
1925/26	7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0
1926/27	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0

TABLE BI.—STATISTICS OF ULTIMATE RESULTS

Cases in the Sputum of which T.B. were demonstrated in the Sanatorium

Condition on		Discharged during the Year																	Condition in 1928					
Admission		1906/ 07	1907/ 08	1908/ 09	1909/ 10	1910/ 11	1911/ 12	1912/ 13	1913/ 14	1914/ 15	1915/ 16	1916/ 17	1917/ 18	1918/ 19	1919/ 20	1920/ 21	1921/ 22	1922/ 23	1923/ 24	1924/ 25	1925/ 26	1926/ 27		
Group I	Discharge	8 6 2	10 12 1	12 2 —	5 7 1	7 4 —	5 8 1	3 5 —	3 4 —	3 5 1	7 1 —	9 3 —	1 2 —	3 — —	10 1 —	22 1 1	10 3 —	15 2 —	11 — —	9 1 —	9 — —	10 — —	Alive Dead Lost sight of	
	Disease Arrested	4 9 —	11 6 —	2 9 —	12 11 —	8 19 1	4 12 1	5 4 —	5 3 1	2 4 —	7 1 1	7 1 1	9 — —	5 — 1	8 7 —	8 11 —	9 2 —	9 3 —	5 3 —	2 — —	1 — —	7 — —	Alive Dead Lost sight of	
	Much Improved	— — —	2 1 —	— 1 —	1 3 —	— 1 1	— — —	— — —	— 1 —	— 1 —	— — —	— 1 1	— 1 1	1 — —	1 — —	2 1 —	— 1 —	— — —	— — —	1 1 —	1 1 —	— — —	5 — —	Alive Dead Lost sight of
	Stationary or Worse	— 1 —	— 2 —	— 2 —	1 2 —	— 4 —	1 1 —	1 1 —	— 1 —	1 — —	2 — —	2 — —	— 1 —	1 1 —	— — —	— — —	— 1 —	— — —	— — —	— 1 —	— — —	— — —	— — —	Alive Dead Lost sight of
Group II	Disease Arrested	3 3 —	— 3 —	8 4 1	8 5 1	8 6 3	10 10 1	8 15 —	7 8 —	7 6 1	2 5 —	5 5 —	2 3 —	8 — —	9 — —	9 3 —	5 3 —	8 2 —	9 1 —	8 2 —	5 — —	15 1 —	Alive Dead Lost sight of	
	Much Improved	10 21 1	17 28 3	14 22 1	11 33 —	6 42 3	7 37 1	12 24 1	17 30 3	21 33 —	7 29 —	32 32 1	26 28 1	39 24 2	21 26 1	14 26 3	16 16 —	12 5 —	12 6 —	22 5 —	13 — —	19 — —	Alive Dead Lost sight of	

Group	Improved	2 10 —	— 14 1	4 21 1	3 21 1	1 12 —	3 16 2	3 17 —	4 8 —	1 8 —	2 12 —	2 9 —	8 7 —	4 12 1	4 6 —	1 4 —	2 5 —	1 — —	12 7 —	15 3 —	26 2 —	Alive Dead Lost sight of	
Group III	Stationary or Worse	— 6 1	1 18 —	— 18 —	— 16 —	1 18 —	1 20 2	2 19 —	1 17 —	4 18 —	1 13 —	3 10 —	2 8 1	2 6 —	1 1 —	— 2 —	— 1 —	— — —	1 2 —	7 3 —	6 — —	Alive Dead Lost sight of	
	Disease Arrested	— — —	— — —	— — —	— — —	— — —	1 1 —	— 1 —	— 1 —	— — —	— 1 —	— 1 —	— — —	— — —	3 — —	5 1 —	4 4 —	2 3 —	8 — —	1 — —	1 — —	Alive Dead Lost sight of	
	Much Improved	2 8 —	1 18 1	1 9 —	— 11 —	2 9 —	— 6 1	— 6 —	3 6 —	2 18 —	9 14 1	7 26 1	9 26 1	17 29 3	14 23 1	10 26 —	16 47 1	26 38 2	38 28 1	7 4 —	11 — —	3 — —	Alive Dead Lost sight of
	Improved	1 10 —	2 21 —	2 27 —	1 17 —	— 17 —	— 13 1	— 11 —	— 10 —	2 17 —	1 13 —	1 25 —	— 20 1	5 16 1	8 29 1	5 34 1	7 19 —	4 22 —	6 25 —	14 17 1	19 11 2	18 2 —	Alive Dead Lost sight of
	Stationary or Worse	— 17 —	— 33 —	— 42 —	— 21 —	1 23 —	— 32 —	2 24 —	2 41 —	3 32 —	— 28 —	3 25 —	3 23 —	— 19 —	1 18 —	— 8 —	— 5 —	3 8 —	— 9 —	2 8 —	8 6 —	5 4 3	Alive Dead Lost sight of
Group III	Summary	30 91 4	44 156 6	43 159 3	42 147 3	34 155 8	32 156 10	33 126 1	43 131 3	49 141 3	33 120 1	69 139 4	62 118 4	84 106 8	81 112 3	74 118 5	69 106 1	80 83 2	91 74 1	79 48 1	89 23 2	115 9 3	Alive Dead Lost sight of
	TOTAL	125	206	205	192	197	198	160	177	193	154	212	184	198	196	197	176	165	166	128	114	127	

TABLE B2.—STATISTICS OF ULTIMATE RESULTS

Cases in the Sputum of which T.B. were not demonstrated in the Sanatorium

Condition on Admission	Discharged during the Year																					Condition in 1928	
	1906/ 07	1907/ 08	1908/ 09	1909/ 10	1910/ 11	1911/ 12	1912/ 13	1913/ 14	1914/ 15	1915/ 16	1916/ 17	1917/ 18	1918/ 19	1919/ 20	1920/ 21	1921/ 22	1922/ 23	1923/ 24	1924/ 25	1925/ 26	1926/ 27		
Group I.	Disease Arrested	12 1 1	19 4 2	21 7 5	26 8 4	23 11 1	18 7 —	11 2 1	6 — —	6 1 —	27 3 —	19 1 —	35 5 1	25 — 1	34 4 1	40 1 4	43 4 —	24 2 1	33 3 —	35 1 2	34 1 —	22 1 —	Alive Dead Lost sight of
	Much Improved	2 — —	4 1 —	2 1 —	2 — —	1 — —	— — —	— 2 —	16 2 1	4 4 —	2 — —	13 1 —	18 — —	7 — 1	2 3 1	1 — —	1 — 1	4 2 —	4 — 1	9 1 —	4 — —	— — —	Alive Dead Lost sight of
	Improved	— — —	— 1 —	2 — —	— 1 —	— — —	1 — —	— — —	2 — 1	2 — —	— — —	— — —	2 — —	— — —	4 — —	2 — —	2 — —	1 1 —	1 — —	1 — —	4 — —	1 — —	Alive Dead Lost sight of
	Stationary or Worse	— — —	— — —	1 — —	1 — —	— — 1	— — —	3 — —	— — —	— — —	— — —	— — —	— — 1	1 — —	1 — —	— — —	— — —	— — —	— — —	1 — —	— — —	1 — —	Alive Dead Lost sight of
	Disease Arrested	3 2 —	5 3 —	5 2 1	4 2 —	4 2 —	3 3 3	3 1 —	1 1 —	1 — —	6 5 1	8 1 —	11 6 2	24 2 1	11 1 —	10 — 1	20 2 —	4 3 —	9 — —	9 — —	11 — —	4 1 —	Alive Dead Lost sight of



